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UTILITY PATENT APPLICATION **TRANSMITTAL**

(Only	for new	nonprovisional	applications	under 37	CFR	1.53(b))

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Title	Recombinant Reverse Tran	scriptases				
First Inventor	Chen, et al.					
Attomey Docket No.	AMBI:1001					
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(Only for new homprovisional applications under 57 CPR 1.53(b))	Express Mail Label No. ER 964 701 910 05						
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450						
1. X Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) 2. X Applicant claims small entity status. See 37 CFR 1.27. 3. X Specification [Total Pages 30] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS 9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement Power of						
4. X Drawing(s) (35 U.S.C. 113) [Total Sheets7] 5. Oath or Declaration [Total Sheets7] a. X Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76	11. English Translation Document (if applicable) 12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations 13. Preliminary Amendment 14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. Other: : PTO Form 2038; Return Postcard						
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation Continuation: Continuation information: Examiner Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS							
X Customer Number: 34,725 Name	OR Correspondence address below						
Address	State Zip Code hone Fax						
	Registration No. (Attorney/Agent) 38,453 Date 4/19/04						

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

X Applicant Claims small entity status. See 37 CFR 1.27

(\$) 2,389.00 TOTAL AMOUNT OF PAYMENT

Complete if Known				
Application Number				
Filing Date	4/19/2004			
First Named Inventor	Chen, et al.			
Examiner Name				
Art Unit				
Attorney Docket No.	AMBI:1001			

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
Check X Credit card Money Other None	3. A	DDITIO	NAL F	EES		ASSESSMENT S. ATTACA 4.5 contract them, about the beauty into
		Entity		Entity		
Deposit Account	Fee Code	Fee (\$)	Fee	Fee (\$)	Fee Description	Fee Paid
Deposit Account	1051	130	2051	65	Surcharge – late filing fee or oath	
Number						
Deposit Account	1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet	1
Name					COVER SHOEL	
The Director is authorized to: (check all that apply)	1053	130	1053	130	Non-English specification	
Charge fee(s) indicated below Credit any overpayments	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
Charge any additional fee(s) or any underpayment of fee(s)	1804	920*	1804	920*	Requesting publication of SIR prior to	
Charge fee(s) indicated below, except for the filling fee	1805	1.840*	1805	1,840*	Examiner action Requesting publication of SIR after	
to the above-identified deposit account.	1003	1,040	1005	1,040	Examiner action	
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month	
1. BASIC FILING FEE	1252	420	2252	210	Extension for reply within second month	
Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month	
Fee Fee Fee Fee Description	1254	1,480	2254	740	Extension for reply within fourth month	
Code (\$) Code (\$) Fee Paid	1255	2.010	2255	1,005		<u> </u>
	1401	330	2401	1,005	Extension for reply within fifth month	
	1402	330	2402	165	Notice of Appeal	ļ
	1402	290	2402		Filing a brief in support of an appeal	
110 110 110 110 110 110 110 110 110 110				145	Request for oral hearing	
1005 160 2005 80 Provisional filing fee	1451 1452	1,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 385.00	1452	110 1,330	2452 2453	55 665	Petition to revive – unavoidable Petition to revive – unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,330	2501	665	Utility issue fee (or reissue)	
Fee from					· · · · · · · · · · · · · · · · · · ·	
Extra Claims below Fee Paid Total Claims 128 -20"= 108 x 9 = 972.00	1502	480	2502	240	Design issue fee	
Independent	1503	640	2503	320	Plant issue fee	
Independent 27 - 3**= 24 X 43 = 1032.00	1460	130	1460	130	Petitions to the Commissioner	
Multiple Dependent =	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Large Entity Small Entity	1806	180	1806	180	Submission of Information Disclosure Strnt	
Fee Fee Fee Fee Description Code (\$) Code (\$)	8021	40	8021	40	Recording each patent assignment per	
	4000	770		***	property (times number of properties) Filing a submission after final rejection	
1202 18 2202 9 Claims in excess of 20	1809	770	2809	385	(37 CFR 1.129(a))]
1201 86 2201 43 Independent claims in excess of 3	1810	770	2810	385	For each additional invention to be	
1203 290 2203 145 Multiple dependent claim, if not paid	1801	770	2801	385	examined (37 CFR 1.129(b))	
1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 **Reissue independent claims	1802	900		900	Request for Continued Examination (RCE) Request for expedited examination	<u> </u>
over original patent	1002	900	1802	900	of a design application	
1205 18 2205 9 **Reissue claims in excess of 20 and over original patent						
SUBTOTAL (2) (\$) 2,004.00	Other	fee (spec	rifv)			
" or number previously paid, if greater, For Reissues, see above	1	• •	•••		OUDTOTAL TO	L
or number previously paid, it greater, not neissues, see above	Reduc	ed by Bas	c Filing	Fee Paid	SUBTOTAL (3) (\$) 0.00	

SUBMITTED BY			Complete (if	applicable)	
Name (Print/Type)	Edwin Flores	Registration No. (Attorney/Agent)	38,453	Telephone	(214) 866-0001
Signature	Jun M			Date	4/19/04

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